

14330 U.S. PTO  
06/24/03

# UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.

02-03US

## TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, Steven C. Quay, entitled COMPOSITIONS AND METHODS FOR MODULATING PHYSIOLOGY OF EPITHELIAL JUNCTIONAL ADHESION MOLECULES FOR ENHANCED MUCOSAL DELIVERY OF THERAPEUTIC COMPOUNDS, for an:

- (X) Original Patent Application.  
(X) A statement claiming priority under 35 USC § 119 (e) has been added to the specification. We claim benefit to U.S. Patent Application 60/392,512 filed June 28, 2002.  
( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

### Enclosed are:

- (X) Specification; 220 Total Pages. (X) Drawing(s); 4 Total Sheets.  
(X) Oath or Declaration: Total Sheets 1  
( ) A Newly Executed Combined Declaration and Power of Attorney:  
( ) Signed. (X) Unsigned. ( ) Partially Signed.  
(X) Fee Transmittal (PTO/SB/17 two copies)  
(X) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.  
(X) Credit Card Payment Transmittal.  
(X) Specification Sequence Listing on (X) CD-R, 1 of 1, (X) paper (X) statement verifying identity of copies  
(X) Return Receipt Postcard.

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	92	72	\$9.00	\$ 648.00
Independent Claims	4	1	\$42.00	\$ 42.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$0.00
Basic Filing Fee				\$375.00
Total Filing Fee				\$1,065.00

(X) Assignee for this application is or will be Nastech Pharmaceutical Company Inc., and applicants request that this information be listed on the published application.

(X) 37 C.F.R. § 1.821 (f) I hereby state that the information recorded in computer readable form is identical to the written (on paper) sequence listing. 37 C.F.R. § 1.825 (b)

(X) Small entity status is claimed for this application under 37 CFR 1.27.

(X) Please return the enclosed postcard to confirm that the items listed above have been received.

Charge \$ 1,065.00 to our credit card

Respectfully submitted,

By:

Paul G. Lunn, Attorney of Record, Reg. No. 32,743

Date: June 23, 2003

Correspondence Address:

Nastech Pharmaceutical Company Inc.  
3450 Monte Villa Parkway  
Bothell, WA 98021-8906  
Phone: (425) 908-3643  
Fax: 425-908-3655

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

By:

Printed Name: Leslie M. Kodish

Express Mail Label No.: EO900997308US

Date of Deposit: June 23, 2003



36814

PATENT TRADEMARK OFFICE

17363 U.S. PTO  
10/601953  
06/24/03

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant Claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**1.065.00****Complete if Known**

Application Number \_\_\_\_\_  
 Filing Date June **23**, 2003  
 First Named Inventor Steven C. Quay  
 Examiner Name \_\_\_\_\_  
 Art Unit \_\_\_\_\_  
 Attorney Docket No. 02-03US

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account
 Deposit  
 Account  
 Number  
 \_\_\_\_\_  
 Deposit  
 Account  
 Name  
 \_\_\_\_\_

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**375.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below	Fee Paid
Independent	Multiple Dependent	92	4		
92	-20**=	72	X	9	= 648.00
4	-3**=	1	X	42	= 42

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**690.00**

\*\* or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)

Paul G. Lunn

Registration No.  
(Attorney/Agent)

32,743

Telephone

(425) 908-3643

Signature



Date

June 23, 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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